Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 12 Jul 2023 until 23:59 on Thursday 13 Jul 2023

Forecast Issued on Tuesday 11 Jul 2023 at 15:31

Confidence: High confidence for changeable theme, with Thursday probably seeing finest weather. Low confidence for possibly unseasonable period of rain, showers and strong winds Friday into Saturday.

Headline for Wednesday 12 Jul 2023: On the cloudy side, with occasional rain. Brightening up but becoming more showery later, with some heavier downpours possible.

Mountain weather hazards on Wednesday 12 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Light rain	Cloudy	Light rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
20%	20%	30%	20%	30%	40%	30%	20%

Forecast for Wednesday 12 Jul 2023

Weather: Fine for a time during the early hours, however cloud is likely to increase into daybreak, with spells of rain perhaps punctuated by heavier downpours in places. It should gradually brighten up with time, with some drier and brighter interludes developing, mainly in the more sheltered south and east, however it will remain on the cool side generally, especially when considered with the breeze. Thundery showers will become more likely late in the day, with these again fading into the evening.

Chance of cloud-free hill tops above 600m: 30% becoming 90%.

Low cloud and visibility: Broken cloud down to 400 metres first thing, lifting and breaking through the morning to comfotably clear the highest ground. Visibility good at first, but improving very good, but with the caveat of significant deterioration in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 12 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/23 W	19/25 SW	21/28 SW	22/30 SW	22/31 W	23/32 W	22/30 W	16/24 W	17/25 SW
300	11/17 SW	13/20 SW	16/23 SW	17/26 SW	18/27 W	17/26 W	15/23 W	10/16 SW	11/19 SW
Valley	6/15 SW	7/17 SW	10/21 SW	13/25 SW	14/28 W	14/28 W	13/25 W	7/17 W	7/17 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	9/6	9/5	10/7	11/7	12/8	12/8	11/8	10/6
300	12/10	12/9	12/9	13/10	14/11	15/12	15/12	13/12	12/10
Valley	13/12	12/11	12/10	14/12	15/12	16/13	16/13	14/12	12/11
Freezing Level*	2100m	2000m	2200m	2000m	2100m	2100m	2100m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Although winds will generally be west or sothwesterly, some varibility in strength and direction shown is likely given the presence of showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 11 Jul 2023	3.8mm	12.8mm	17.2mm

Forecast for Thursday 13 Jul 2023

Weather: A small chance of a few further showers in northwestern exposure early on, otherwise an improved day on midweek, with more in the way of sunshine and shallower, more broken cloud. The sunshine may turn hazier later under advancing high cloud, although the mainly dry theme still applies. Eventually warm in the sunshine, although tempered a little by the breeze.

Maximum wind: West or southwesterly 25mph, easing slightly.

Chance of cloud-free hill tops above 600m: 60 improving 90%

Low cloud and visibility: Early broken low cloud around the highest ground, soon lifting clear and developing breaks.

Temperature: **Valleys:** Plus 10 becoming plus 22 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the peaks.

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